

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
4 January 2001 (04.01.2001)

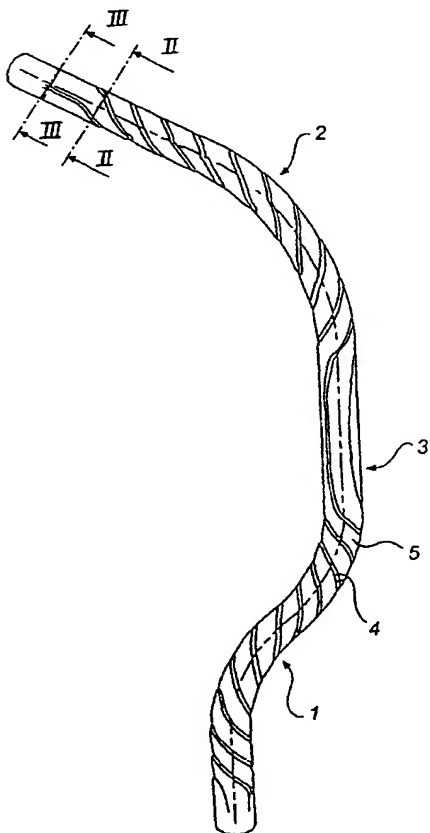
(10) International Publication Number
WO 01/01029 A1

PCT

- | | | |
|---|---|--|
| (51) International Patent Classification ⁷ : | F16L 11/12 | (72) Inventor; and |
| (21) International Application Number: | PCT/SE00/01163 | (75) Inventor/Applicant (for US only): RYHMAN, Morgan
[SE/SE]; Dikesgatan 14, S-334 00 Anderstorp (SE). |
| (22) International Filing Date: | 6 June 2000 (06.06.2000) | (74) Agent: AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE). |
| (25) Filing Language: | Swedish | (81) Designated States (national): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR (utility model), KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW. |
| (26) Publication Language: | English | |
| (30) Priority Data: | | |
| | 9902452-3 29 June 1999 (29.06.1999) SE | |
| | 9903626-1 8 October 1999 (08.10.1999) SE | |
| (71) Applicant (for all designated States except US): | ABA OF SWEDEN AB [SE/SE]; P.O. Box 100, S-334 00 Anderstorp (SE). | |

[Continued on next page]

(54) Title: HOSE



(57) Abstract: The present invention relates to a medium-carrying hose, preferably for pressure medium and for use in, for instance, an engine unit, the wall of the hose comprising at least one wall portion (5). The wall portion (5) is connected with at least one expansion portion (4) to form a continuous hose casing, so that the circumference of the hose is variable between a minimum value, when the expansion portion (4) is unexpanded, and a maximum value, when the expansion portion (4) is maximally expanded. The expansion portion (4) extends in the transverse and the longitudinal direction of the hose, the wall portions (5) being displaced relative to each other both in the transverse and in the longitudinal direction of the hose as the circumference increases and the expansion portion (4) expands. The invention also relates to a method for manufacturing such a hose.

WO 01/01029 A1

WO 01/01029 A1



(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— *With international search report.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.